

REMARKS

Favorable reconsideration of this application, as presently amended and in light of the following discussion, is respectfully requested.

Claims 1, 2, 4-7, 9, 11, 12, and 14-19 are currently pending. Claim 13 has been canceled. Claims 1, 4, 12, 14, and 15 have been amended.

By way of summary, the Official Action presents the following issues. The drawings were objected to under 37 C.F.R. § 1.83(a) as failing to show every feature of the invention specified in the claims. The specification was objected to because of informalities. The specification was objected to as failing to provide proper antecedent basis for the claimed subject matter. Claims 1, 2, 4-7, and 9-17 were objected to because of informalities. Claims 13-15 were rejected under 35 U.S.C. § 112, first paragraph for failing to comply with the written description requirement. Claims 4, 6, 7, 9, 10, and 12-15 were rejected under 35 U.S.C. § 112, first paragraph as failing to comply with the enablement requirement. Claims 4, 6, 7, 9, 10, 12, 14, and 15 were rejected under 35 U.S.C. § 112, second paragraph as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicant regards as the invention. In addition, Claims 1, 2, 5, 11, and 16-19 have been allowed.

At the outset, Applicant would like to thank the Examiner for the indication of allowable subject matter of Claims 1, 2, 5, 11, and 16-19.

Turning to the objection to the drawings under 37 C.F.R. § 1.83(a), Applicant requests that this objection be withdrawn for the following reasons. The traveling mechanism is elements 45, 46 found in Figure 1A. The exit aperture plate is element 25 found in Figures 11 and 12. The exit aperture is element 39 found in Figure 12. In addition, the exit aperture plate with multiple exit apertures is found in Figure 13 where elements 39A, 39B, 39C, and

39D represent the multiple exit apertures. Accordingly, Applicant does not believe any change to the drawing is required.

Turning next to the objections to the specification and rejection of the claims under 35 U.S.C. § 112, first and second paragraphs, Applicant notes at the outset that pages 46 and 47 have been amended as suggested in the Official Action (page 3). In addition, Claim 4 has been amended as discussed below. In particular, Applicant notes that Claim 1 was amended to change the comma after the word “sample” to a semicolon, as suggested in the Official Action. In Claim 4, the term “irradiation” has been replaced with the term “detection” to clarify the language of the claim, consistent with the discussion on the Official Action. In addition, in Claim 12, the term “receiving” has been changed to “detection” to clarify the language of the claim. In Claim 14, the language “a second anti-reflection plate disposed between the receiving antenna and the detector, having an aperture for passing through the receiving transmitter side cable” has been changed to “an anti-reflection plate disposed between the detection antenna and the detector, having an aperture for passing through the detector side cable.” With respect to Claim 13, Claim 13 has been canceled without prejudice. With respect to Claim 15, the language “further comprising a cylindrical anti-reflection plate enclosing the sample, having an entrance aperture” has been changed to “wherein the entrance aperture plate comprises a cylindrical anti-reflection plate enclosing the sample, having the entrance aperture.”

From these changes, Applicant believes that all of the informalities and rejection to the claims under 112 have been overcome. From all of the above, Applicant believes that the application is in condition for allowance. An early indication to that effect is respectfully requested.

Respectfully submitted,

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